Portrait of a RUST-PROOF HOME

BUILDING FOR A LIFE TIME

TO most people, the planning and building of a home is an opportunity that comes but once. It is the culmination of hopes and dreams that may have been cherished for years. How wise it is, then, to build for permanence and to be free from repair expense and the worry of upkeep charges! Only carefully chosen building materials can bring the lasting satisfaction in your home which you owe yourself and your family.

- Metal parts should be rustproof. Copper and copper alloys meet this important requirement economically for the home owner. If strong, time-defying Anaconda metals are used throughout the building, as shown in the following pages, you will be assured years of trouble-free service—the kind of service which allows full enjoyment of the home. In some instances, the first cost of these quality materials will be somewhat more, but this will be trifling in view of the eventual savings, both of money and annoyance, when copper, brass and bronze have been specified.

ANACONDA
from mine to consumer

The house illustrated on the front cover embodies the products described herein. It was designed by Donald C. Goss, Architect.

THE AMERICAN BRASS COMPANY • *General Offices:* WATERBURY, CONNECTICUT

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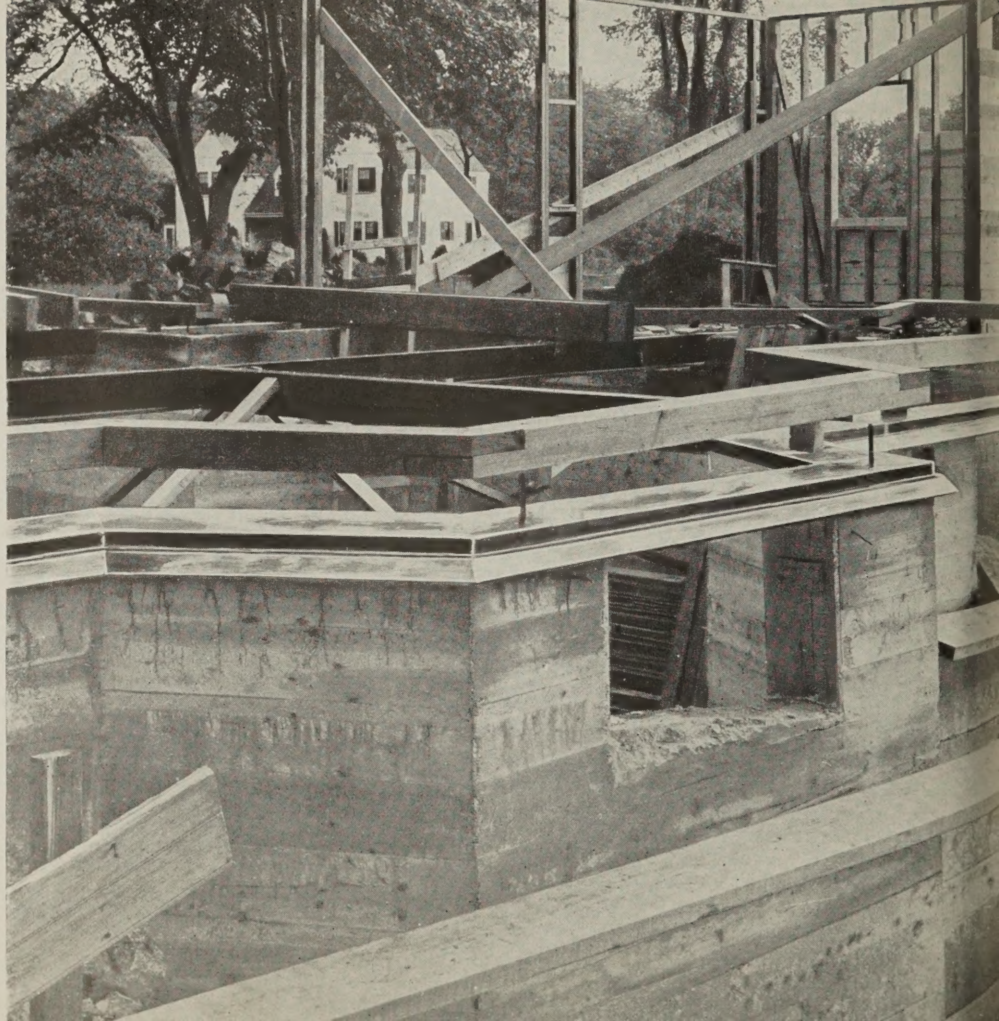
Sealing the Cellar

- "Electro-Sheet" is moderately-priced pure Anaconda copper in thin wide sheets. Used in weights of only one ounce or two ounces per square foot, it provides a strong non-rusting metal membrane suitable for many building purposes, including dampproofing, weatherproofing and built-up roofing.
- Nowadays, the cellar, with its play room or recreation room, has become part of the living quarters of the house. It is more important than ever for the cellar to be kept free of dampness and water. "Electro-Sheet", applied to the outside surface of the foundation walls with a suitable adhesive, makes a durable membrane waterproofing. Complete protection against moisture penetration is assured when such copper is also laid in hot pitch or asphalt between the footing and the foundation wall and between the rough and finished cellar flooring.

Fighting Termites

- Termites live on wood. Unfortunately, they do not distinguish between the stump of a fallen tree and the lumber which frames and supports houses. According to reliable estimate, these insects do about $50,000,000 worth of damage to property in the United States each year, and they have now been found in every one of our forty-eight states.
- Authorities generally agree that the most effective method of combating subterranean termites is the installation of a continuous, durable metal shield completely over the foundation walls, formed as shown in the accompanying illustration.
- Anaconda Copper is ideal for this purpose and should last indefinitely. Its installation is the ounce of prevention which has often proved far less costly than the pound of cure in the fight against this insect pest.



Weatherproofing Side Walls

- Nailed to the sheathing before the shingles, clapboards, stucco, brick or stone veneer goes on, Anaconda "Electro-Sheet" copper (wide sheets weighing one or two ounces per square foot) forms a tough, permanent barrier against the passage of air, moisture or dust through the walls of the building. This also means prevention of heat losses by air leakage.
- Modern construction often includes the use of cellular insulating material packed in the walls. When wet, these substances not only lose their efficiency, but they will hold moisture in the walls to cause the studding to rot. Thus it is vital that such insulation materials be protected from water and driving rain. "Electro-Sheet" will do this. When copper has been installed in the walls, the house is cased in an armor of time-defying metal.

Flashing

- The primary purpose of any flashing is to keep out rain water. Flashings are needed at the critical exposed joints of a structure, such as around window and door frames, where chimneys and vent pipes pass through the roof, where the roof meets the vertical faces of dormer windows or parapet walls, and in the valleys between roof slopes.

- The amount of flashing in a house is small compared to the bulk of other materials used, but its work looms large and important. Copper is the preferred material for this service, as shown by its public acceptance, because it is lasting, cannot rust and is easy to install. Architects like to specify Anaconda Copper for flashing, and sheet metal men like to use it, on account of its uniform quality and reliability.

Sloping Roofs

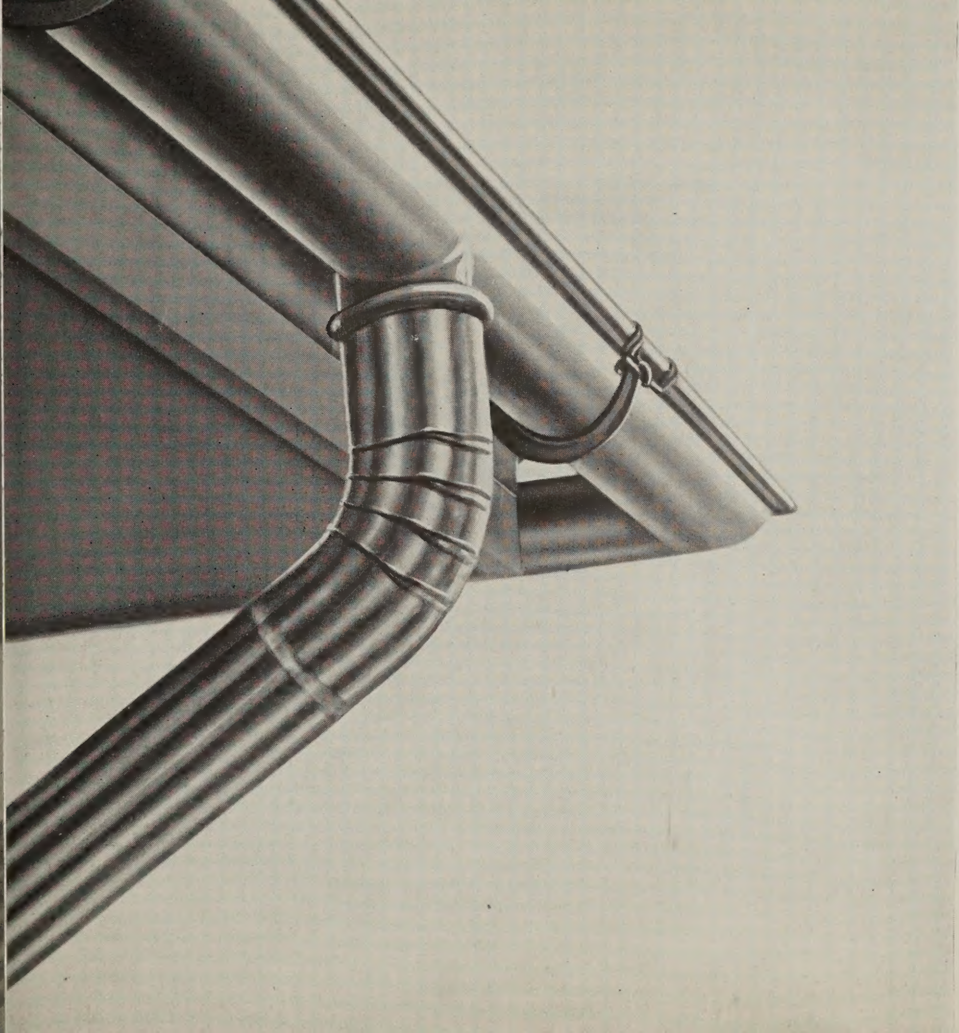
- The development of Anaconda Economy Copper Roofing has made available to the average homeowner a roof of established excellence at reduced cost. The harmonious appearance of weathered copper, coupled with the pleasant vertical lines of the standing seams, makes it particularly suitable for residential roofing.

- The lighter weight of Anaconda Economy Roofing—10 ounces per square foot—eliminates the expense of a heavy under structure. Lower fire hazard brings lowered insurance rates. Copper does not need painting. Snow will not readily cling to a copper roof, to cause leaks when melting starts.

- In every way, this new Anaconda product recommends itself to the consideration of the homeowner.

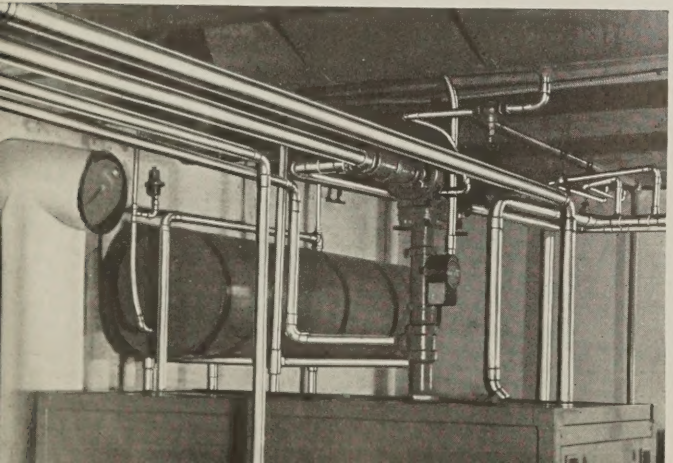
Flat Roofs

- For flat roofs, over porches, garages, etc., a commonly used and approved method of covering is built-up roofing. In this process, sheets of material are laid in hot asphalt or tar, and the final job is finished with a top layer of some surfacing material.
- "Electro-Sheet" copper has been used with great success as the membrane in built-up roofing. It is, in itself, lasting and free from deterioration by moisture. Further, being impervious to air, sunlight and water, the copper protects the asphalt layers below from losing their life by decomposition.
- In the accompanying illustration, a workman is shown trowelling on the surface coating. Beneath this is a double layer of two-ounce "Electro-Sheet" laid in hot asphalt,—a roof to give long service at moderate cost.



Gutters and Leaders

- The problem of rain disposal is easily and permanently solved by the installation of copper leaders and gutters.
- Here, again, the non-rusting characteristic of copper plays an important role. Painting is unnecessary, and replacement because of rust is another expense item which can be forgotten. The torrents of summer rain and melting winter snow will be carried off the house effectively.
- Although it is possible to obtain cheaper materials for your roof drainage system, the installation of leaders and gutters made of Anaconda Copper will always prove a wise investment. The saving in upkeep and replacement charges over a period of years will more than make up for the slightly higher first cost.

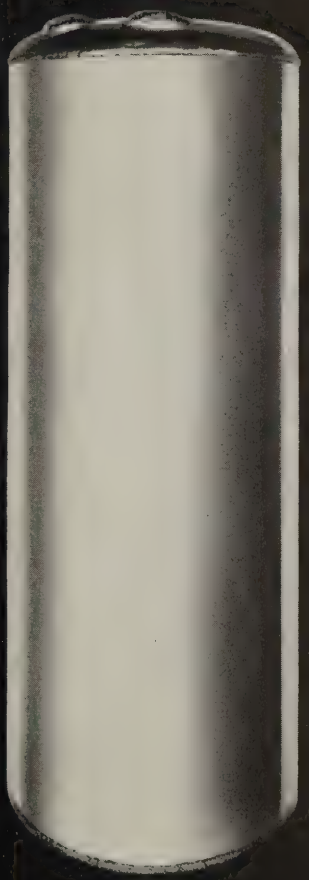


Brass Pipe and Copper Tubes for Plumbing and Service Lines

• The selection of brass pipe or copper tubes will prevent many expensive annoyances such as rust-clogged water lines which deliver only a trickle; costly repair jobs caused by rusted piping in walls and floors; rust-discolored water in bath rooms, kitchen and laundry. • Anaconda "85" Red Brass water pipes offer the greatest resistance to corrosion commercially obtainable at moderate cost. Where the water supply is only normally corrosive, Anaconda "67" Yellow Brass will give satisfactory service. • Nowadays, many homes are equipped with Anaconda Copper Tubes assembled with Anaconda Solder Fittings. This type of assembly provides non-rusting hot and cold water lines at a new low cost. • Do not forget that the service lines from the street to the house should also be of non-rust Copper or Red Brass to insure a full supply of clear water.

Copper Tube Heating Lines

• The majority of modern hot water heating installations are of the forced circulation type. For distribution lines in such systems, Anaconda copper tubes, assembled with solder fittings, can be installed to definite advantage. At low cost (because smaller sizes may be used), they provide non-rust lines with lower heat loss and faster circulation than piping that rusts.



Rustproof Tanks . . . Clean Hot Water

- To assure the home of a clean supply of hot water *at all times* is one of the wisest bits of planning which any present or prospective homeowner can do. Ample hot water is a large contributor to the general health, cleanliness, comfort and convenience of modern life. In fact, for many needs, from baby's bath to the bundle of snow-white laundry ready to dry, it has become indispensable to efficient living.

- *Everdur Metal is ideal for hot water tanks. It has the strength of steel yet it cannot rust and is readily welded. That is why so many leading manufacturers of storage tanks and automatic water heaters have standardized on Everdur for their non-rust models. Gas, electric, and water companies highly recommend it.

- Countless wise homeowners, as well as many hospitals, schools, laundries, hotels and other commercial and industrial concerns, are benefiting by the remarkable service obtained from this rugged, corrosion-resistant material.

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*Everdur is a trademark of The American Brass Company registered at the United States Patent Office.

Stopping Air Filtration through Floors

- In recent years, great stress has been laid on the importance of conditioning the indoor air we breathe. Many modern houses are now being equipped with air conditioning units, to provide for winter heating, summer cooling, and year-round humidity control. These units—or any heating system, for that matter—will not function efficiently unless the rooms are tight.

- On the first floor, to prevent air and dust from percolating through from the cellar, the thin copper is applied between the rough and finished flooring. To seal the attic off from the rest of the house,—most desirable because of the tendency of warm air to rise,—"Electro-Sheet" is laid on the attic joists, the edges of the sheets clamped down with furring strips over which the flooring is nailed.

Bronze Screens

- Flies, mosquitoes and other flying and crawling insects are a menace to health, and no house can be considered complete without screens to keep them out.

- Screens made of strong, durable Anaconda Bronze screen wire are the most economical in the long run and will give the sort of service which careful homeowners appreciate. Rust cannot eat holes in them to destroy their effectiveness and, with careful handling, they will last as long as the house itself. If mounted on bronze frames, which will not warp or split, increased serviceability and a note of richness and distinction are added.

- When ordering bronze screen cloth, be sure it is *standard weight*. Standard 16-mesh cloth weighs 15 pounds per 100 square feet. It will remain trim and tight, and will not dent or break easily.

Painting the Home

- Good woodwork deserves good paint. As a preservative, white lead in oil has been a standard painting material for years. Anaconda Electrolytic White Lead gives a base which cannot be excelled. Produced by modern processes, this lead has a purity and freedom from foreign substances which is truly remarkable, offering longer life to the finish of the home. Whiter whites and cleaner, brighter tints are also assured.

- In painting, as in most other items of construction and maintenance, it is economical to use the very best material available. Compared to the labor charge, which remains the same for all qualities of paint, the cost of the paint itself is but a small part of the total bill. Specifying pure Anaconda Electrolytic White Lead will assure that the labor has not been wasted on a short-lived job.

• OTHER USES OF ANACONDA METALS •

BRONZE WEATHERSTRIPPING—Reliable authorities estimate that from 20% to 40% of heating costs may be wasted annually unless windows and doors are weatherstripped. For the best and longest service, use weatherstrips of Anaconda Bronze which is standard with leading manufacturers.

HARDWARE AND TRIM—Door knobs, hinges, thresholds, locks, knockers, window hardware and sash chains of the better kind are made of *solid* Anaconda Brass and Bronze for lifetime service.

BRONZE WINDOWS—Double hung and casement windows, complete with weatherstripping and glazing, are now available in enduring Anaconda Bronze at new low prices. Easy to operate, they will never warp or swell. Bronze windows are permanently weathertight. Freedom from upkeep expense coupled with important fuel savings more than compensate for the extra first cost.

ELECTRIC WIRING AND FIXTURES—Anaconda Wire & Cable used in wiring the home will assure the owner of tested, proven material for this important service. Switch plates, lighting fixtures and outlet plates are better if made of *solid* Copper, Brass or Bronze. Everdur Conduit has filled a long-felt need for safe, rustproof protection to wiring in exposed places.

NAILS, SCREWS, BOLTS, ETC.—Fastenings of all kinds are made of Anaconda metals. Here, again, the importance of reliable, durable, rustproof material cannot be too strongly stressed.

All through the house, often hidden from sight, metals are required to stand up under exposure to the corrosive action of water or moisture. If rustproof metals are used, trouble-free service and long-run economy will be achieved. Each year, the value of property destroyed by rust is greater by far than that which goes up in flames. In the battle against this great destroyer—rust—*Anaconda metals play a most important role. The householder who has taken full advantage of Anaconda Copper, Brass and Bronze when constructing or remodeling his home may feel sure that he has built for permanence, economy and lifetime satisfaction.*

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